Figure 1

ORIGINATING PARTY 11

ORIGINATING PARTY 11

ORIGINATING PARATY 11

Feedback

ROUTING DATABASE 14

SWITCH/ ROUTER 17

PROCESSOR 16

PROGRAM 19

PERFORMANCE DATABASE 20

NETWORK SERVICE PROVIDER 12

NETWORK SERVICE PROVIDER 12

NETWORK SERVICE PROVIDER 12

TERMINATE PARTY 13

TERMINATE PARTY 13

TERMINATE PARTY 13

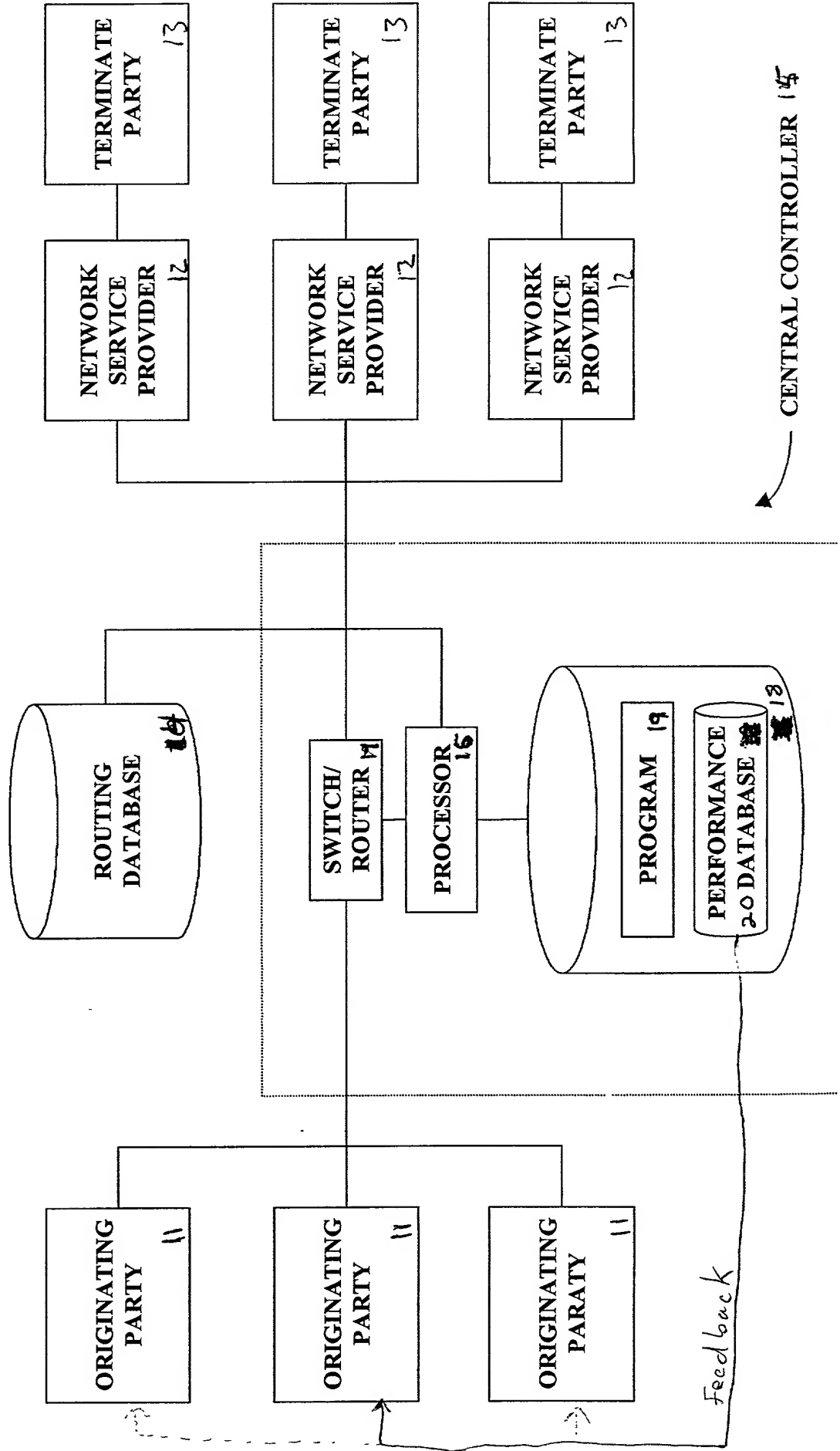CENTRAL CONTROLLER 15

10

Figure 2

20

Dialed Number 21	Time Received 22	Time Terminated 23	Network Service Provider 24	DTMF Signals Detected 26	Dropped by Network? 74	Dropped by Terminating Party? 27
8XX-NXX-XXXX	12:02	12:10	AT&T	--	YES	N/A
8XX-NXX-XXXX	14:54	15:04	MCI	2, 0, 0,	NO	NO
8XX-NXX-XXXX	9:33	9:45	AT&T	0, 0, 0, 0	NO	YES
8XX-NXX-XXXX	8:17	9:00	Sprint	1, 2, 1, 3	NO	NO

Figure 3

30

```
┌─────────────────────────┐
│     RECEIVE DATA        │◄─────────┐
│     TRANSMISSION        │          │
│                    32   │          │
└─────────────────────────┘          │
            │                        │
            ▼                        │
┌─────────────────────────┐          │
│       DETERMINE         │          │
│        ROUTING          │          │
│      INFORMATION        │          │
│                    34   │          │
└─────────────────────────┘          │
            │                        │
            ▼                        │ Y
┌─────────────────────────┐          │
│      ROUTE DATA         │          │
│     TRANSMISSION        │          │
│                    36   │          │
└─────────────────────────┘          │
            │                        │
            ▼                      ╱─┴─╲
┌─────────────────────────┐      ╱ more ╲
│       MONITOR           │─────▶│selectrons│
│     PERFORMANCE         │      ╲   39  ╱
│        DATA             │       ╲─┬─╱
│                    38   │         │
└─────────────────────────┘         │ N
                                    │
┌──────────┐  ┌─────────────────────┐
│ update   │  │       REPORT        │◄─┘
│Originating│◄─│     PERFORMANCE     │
│ parties  │  │        DATA         │
│      41  │  │                 40  │
└──────────┘  └─────────────────────┘
```